



Attorney Docket No. 5543P002

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:)
J.J. Garcia-Luna-Aceves, et al.) Examiner: Strange, Aaron N.
Application No.: 09/843,789) Art Unit: 2153
Filed: April 26, 2001)
For: SYSTEM AND METHOD FOR USING)
A MAPPING BETWEEN CLIENT)
ADDRESSES AND ADDRESSES OF)
CACHES TO SUPPORT CONTENT)
DELIVERY)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

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Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

XXX 37 C.F.R. §1.97(b).

_____ 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

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_____ A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

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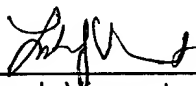
- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: September 19, 2006



Lester J. Vincent
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/843,789
Filing Date	April 26, 2001
First Named Inventor:	J.J. Garcia-Luna-Aceves
Art Unit	2153
Examiner Name	Strange, Aaron N.
Attorney Docket Number	5543P002

Sheet 1 of 5

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
		US-	5,088,032	2/11/1992	Bosack	
		US-	5,115,495	5/19/1992	Tsuchiya et al.	
		US-	5,774,668	6/30/1998	Choquier et al.	
		US-	6,097,718	8/1/2000	Bion	
		US-	6,115,752	9/5/2000	Chauhan	
		US-	6,130,881	10/10/2000	Stiller et al.	
		US-	6,201,794 B1	3/13/2001	Stewart et al.	
		US-	6,205,481 B1	3/20/2001	Heddaya et al.	
		US-	6,256,675 B1	7/3/2001	Rabinovich	
		US-	6,266,706 B1	7/24/2001	Brodnik et al.	
		US-	6,298,381 B1	10/2/2001	Shah et al.	
		US-	6,377,551 B1	4/23/2002	Luo et al.	
		US-	6,400,681 B1	6/4/2002	Bertin et al.	
		US-	6,601,098 B1	7/29/2003	Case et al.	
		US-	6,820,132 B1	11/16/2004	Puente et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
		WO	98/57275		12/17/1998	Kavak		
		WO	99/40514		8/12/1999	Farber et al.		
		WO	01/18641 A1		3/15/2001	McCanne et al.		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS.

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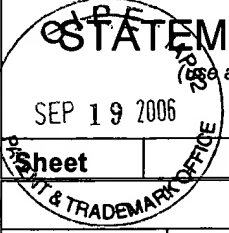
Application Number	09/843,789
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Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number: 09/843,789	
				Filing Date: April 26, 2001	
				First Named Inventor: J.J. Garcia-Luna-Aceves	
				Art Unit: 2153	
				Examiner Name: Strange, Aaron N.	
				Attorney Docket Number: 5543P002	
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²		
		T. Berners-Lee, "Information Management: A Proposal," CERN Document, (March 1989, May 1990)			
		Ari Luotonen, Henrik Frystyk Nielsen, and Tim Berbers-Lee. Cern httpd. http://www.w3.org/Daemon , July 1996			
		A. Heddaya and S. Mirdad, "WebWave: Globally Load Balanced Fully Distributed Caching of Hot Published Documents," Proc. IEEE 17th International Conference on Distributed Computing Systems, Baltimore, Maryland, May 1997			
		S. Gadde, M. Rabinovich, and J. Chase, "Reduce, reuse, recycle: An approach to building large Internet caches," in Proc. 6th Workshop Hot Topics in Operating Systems (HotOS-VI), Cape Cod, MA, May 1997, pp. 93-98.			
		Alex Rousskov and Duane Wessels, "Cache digests," Proceedings 3rd International WWW Caching Workshop, Manchester, England (April 17, 1998)			
		Renu Tewari, Michael Dahlin, Harrick M. Vin, and Jonathan S. Kay, "Design considerations for distributed caching on the internet," Technical report, Department of Computer Sciences, University of Texas Austin, http://www.cs.utexas.edu/users/UTCS/techreports/ (October 1998)			
		C. Parsa and J.J. Garcia-Luna-Aceves, "Improving TCP Congestion Control over Internets with Heterogeneous Transmission Media," Proc. IEEE ICNP '99, Toronto, Canada (October 31 to November 3, 1999)			
		Craig Partridge, Trevor Mendez, and Walter Milliken, "Host Anycasting Service," Network Working Group, RFC 1546 (November 1993)			
		C. Hedrick, "Routing Information Protocol," XP002233127, Network Working Group, Request for Comments: 1058 (June 1998)			
		Samrat Bhattacharjee, et al., "Application-Layer Anycasting," XP010251961, INFOCOM '97. 16th Annual Joint Conference of the IEEE Computer and Communications Societies. Driving the Information Revolution, Proceedings IEEE Kobe, Japan, pp. 1388-1396 (April 7, 1997)			
		J. Bound and P. Rogue, "IPv6 Anycasting Service: Minimum Requirements for end nodes," XP002192644, IETF Internet Draft, pgs. 4-6, http://www.watersprings.org/pub/id/draft-bound-anycast-00.txt (retrieved on March 8, 2002)			

Examiner Signature	Date Considered
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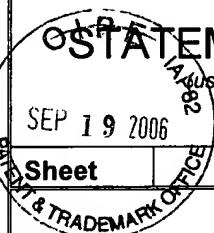
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SEP 19 2006 U.S. PATENT & TRADEMARK OFFICE				Application Number	09/843,789
				Filing Date	April 26, 2001
				First Named Inventor:	J.J. Garcia-Luna-Aceves
				Art Unit	2153
				Examiner Name	Strange, Aaron N.
Sheet 4 of 5				Attorney Docket Number	5543P002
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
		Lixia Zhang, Sally Floyd, Van Jacobsen, "Adaptive Web Caching," Proceedings of the 1997 NLNR Web Cache Workshop, pp. 1-9 (April 25, 1997)			
		Pablo Rodriguez, Ernst W. Biersack, and Keith W. Ross, "Improving the WWW: Caching or Multicast?," Institut EURECOM 2229, Route Computer Networks and ISDN Systems, pp. 1-17 (March 30, 1998)			
		Masato Oguchi, et al., "A Proposal for a World-Wide Web Caching Proxy Mechanism," XP000754599, Global Information Infrastructure (GII) Evolution: Interworking Issues, Interworking '96, Third International Symposium on Interworking, Nara (Japan), October 1-3, 1996, pp. 531-540 (October 1, 1996)			
		Erol Basturk, et al, "Using Network Layer Anycast for Load Distribution in the Internet," IBM Research Report, Document No. RC20938, pgs. 1 and 1-20 (July 29, 1997)			
		Paul Mockapetris, "Domain System Changes and Observations," Network Working Group, RFC" 973 (January 1986)			
		Robert L. Carter, et al., "On the network impact of dynamic server selection," Computer Networks 31, pp. 2529-2558 (1999)			
		W. Simpson, "IP in IP Tunneling," RFC 1853, October 1995			
		Chu et al., "A Case for End System Multicast," Proceedings of ACM SIGMETRICS, Santa Clara, CA, pp. 1-12 (June 2000)			
		John Jannotti, et al., "Overcast: Reliable Multicasting with an Overlay Network," Proceedings of OSDI, San Diego, CA (October 2000)			
		Joe Touch, "Dynamic Internet Overlay Deployment and Management Using the X-Bone," Proceedings of IEEE ICNP, Osaka, Japan (2000)			
		J. Garcia-Luna-Aceves and M. Spohn, "Scalable Link-State Internet Routing," ICNP, Sixth International Conference on Network Protocols (ICNP'98), Austin, Texas, pp. 52-61 (October 14-16, 1998)			

Examiner Signature	Date Considered
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Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>Use as many sheets as necessary</small>				Complete if Known											
<div style="float: left; width: 150px; text-align: center;">  </div> <div style="float: right; width: 600px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>09/843,789</td> </tr> <tr> <td>Filing Date</td> <td>April 26, 2001</td> </tr> <tr> <td>First Named Inventor:</td> <td>J.J. Garcia-Luna-Aceves</td> </tr> <tr> <td>Art Unit</td> <td>2153</td> </tr> <tr> <td>Examiner Name</td> <td>Strange, Aaron N.</td> </tr> <tr> <td>Attorney Docket Number</td> <td>5543P002</td> </tr> </table> </div>				Application Number	09/843,789	Filing Date	April 26, 2001	First Named Inventor:	J.J. Garcia-Luna-Aceves	Art Unit	2153	Examiner Name	Strange, Aaron N.	Attorney Docket Number	5543P002
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NON PATENT LITERATURE DOCUMENTS															
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²										
		P. Mochapetris, "Domain Names - Concepts and Facilities," RFC 1034 (November 1987)													
		P. Mochapetris, "Domain Names - Implementation and Specification," RFC 1035 (November 1987)													
		Stephen Kent and Randall Atkinson, "Security Architecture for the Internet Protocol," RFC 2401 (November 1998)													
		Y. Rekhter and T. Li, "A Border Gateway Protocol 4 (BGP-4)," Network Working Group, Request for Comments: 1771, (March 1995)													

Examiner Signature		Date Considered	
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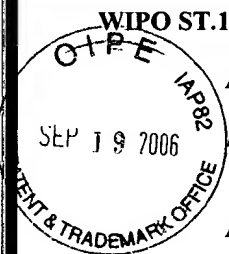
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Summary of USPTO Kind Codes Used on Documents Published Beginning January 2, 2001



WIPO ST.16 Kind Codes	Kind of document	Comments
A1	Patent Application Publication	Pre-grant publication available March 2001
A2	Patent Application Publication (Republication)	Pre-grant publication available March 2001
A9	Patent Application Publication (Corrected Publication)	Pre-grant publication available March 2001
B1	Patent	No previously published pre-grant publication
B2	Patent	Having a previously published pre-grant publication and available March 2001
C1, C2, C3...	Reexamination Certificate	Previously used codes B1 and B2 are now used for granted Patents
E	Reissue Patent	No change
H	Statutory Invention Registration (SIR)	No change
P1	Plant Patent Application Publication	Pre-grant publication available March 2001
P2	Plant Patent	No previously published pre-grant publication
P3	Plant Patent	Having a previously published pre-grant publication and available March 2001
P4	Plant Patent Application Publication (Republication)	Pre-grant publication available after March 2001
P9	Plant Patent Application Publication (Corrected Publication)	Pre-grant publication available March 2001
S	Design Patent	No change



Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: 5543P002

Application No.: 09/843,789

Applicants: JJ Garcia-Luna-Aceves, et al.

Filed: 04/26/2001

Confirmation No.: 3362

Art Unit: 2153

Examiner: Strange, Aaron N.

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CROSS REFERENCE TO RELATED APPLICATIONS UNDER 37 C.F.R. § 1.78

Sir or Madam:

Pursuant to 37 C.F.R. § 1.78, applicants hereby cross reference the following patent applications that are related to the present application:

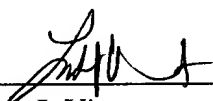
- (1) U.S. Patent Application No. 09/810,148, filed March 15, 2001;
- (2) U.S. Patent Application No. 11/499,182, filed August 3, 2006;
- (3) U.S. Patent Application No. 09/845,088, filed April 26, 2001;
- (4) U.S. Patent Application No. 09/844,759, filed April 26, 2001;
- (5) U.S. Patent Application No. 09/844,857, filed April 26, 2001;
- (6) U.S. Patent Application No. 09/844,856, filed April 26, 2001;
- (7) U.S. Provisional Patent Application No. 60/200,404, filed April 28, 2000, now expired;
- (8) U.S. Provisional Patent Application No. 60/200,401, filed April 28, 2000, now expired;

- (9) U.S. Provisional Patent Application No. 60/200,511, filed April 28, 2000, now expired;
- (10) U.S. Provisional Patent Application No. 60/200,402, filed April 28, 2000, now expired; and
- (11) U.S. Provisional Patent Application No. 60/200,403, filed April 28, 2000.

If there are any additional charges/credits, please charge/credit our deposit account no. 02-2666.

Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: September 19, 2006



Lester J. Vincent
Reg. No. 31,460

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